AIWA®

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SERVICE MANUAL

MODEL NO. HS-J35, J350

■STEREO CASSETTE RECORDER

■TYPE. Y

■BASIC MECHANISM: 2ME-7

SPECIFICATIONS

<Radio Section>

Frequency range:	FM: 87.5—108 MHz AM: 530—1,605 kHz
Antenna:	FM headphone antenna AM ferrite bar antenna

<Tape Recorder Section>

Track arrangement:	4-track, 2-channel, stereo
Frequency range:	40 to 12,500 Hz (NORMAL tape) 40 to 16,000 Hz (METAL tape)
Microphone:	Electret-condenser microphone
Maximum output:	15 mW + 15 mW (EIAJ/DC)
Input terminal:	MIC jack, 3.5 ϕ stereo mini ×1
Output terminal:	Phones jack, 3.5 ϕ stereo mini ×1
Power source:	Battery DC 3V LR-6 (SUM-3, AA, R6) ×2 Domestic AC power (using AC adaptor)
Battery life:	● Using manganese batteries (R6, SUM-3, AA) Approx. 3.5 hours (EIAJ, recording mode) Approx. 5.5 hours (EIAJ, 1 mW output, playback mode) ● Using alkaline batteries (LR-6, AM-3, AA) Approx. 7 hours (EIAJ, recording mode) Approx. 11 hours (EIAJ, 1 mW output, playback mode)
Dimensions:	78.5(H) × 116.2(W) × 32.3(D) mm (excluding any projecting parts)
Maximum dimensions:	84.2(H) × 117(W) × 33.6(D) mm
Weight:	285 g (including batteries)

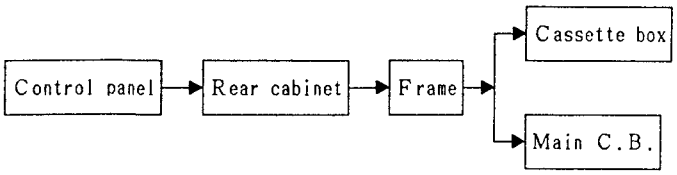
● Design and specifications are subject to change without notice.

AIWA Co., Ltd. Tokyo Japan

Printed in Japan

DISASSEMBLY INSTRUCTIONS

Disassembly Procedure



1. Control panel

1) Remove the 2 screws (Ⓐ). (See Figure－1)

2. Rear cabinet

1) Remove the 4 screws (Ⓑ). (See Figure－1)

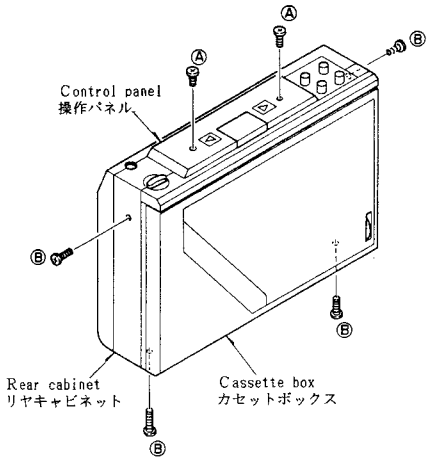


Fig. 1

3. Frame

1) Remove the screw (Ⓒ) and dissolder the battery terminal springs, ⊕ and ⊖. (See Figure－2)
2) Open the cassette box. (See Figure－2)
3) Unhook the top of the frame in the direction of the arrow ①. (See Figure－2)
4) Then, Remove the whole frame. (See Figure－2)

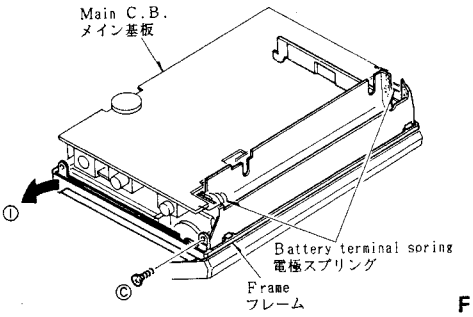


Fig. 2

4. Cassette box

1) Remove the 2 screws (Ⓓ). (See Figure－3)
2) Remove the cassette box by pulling the side of the cassette box in the direction of the arrow ② while pushing the side of the chassis in the direction of the arrow ①. (See Figure－3)

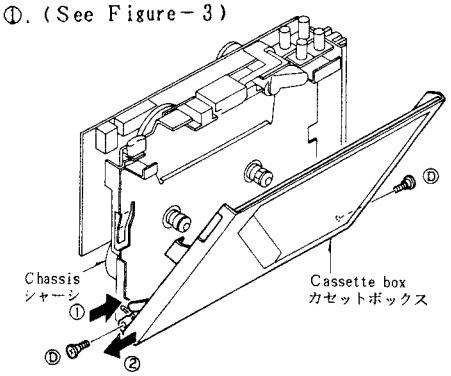


Fig. 3

5. Main C.B.

1) Remove the following screws. (See Figure－4)
   • The main circuit board mounting screws. (Ⓔ × 2)
   • The governer circuit board mounting screws. (Ⓕ × 2)
   • The radio chassis mounting screws. (Ⓖ × 2)
2) Strech the illustrated lead-wires and raise the main circuit board in the direction of the arrow. (See Figure－4)

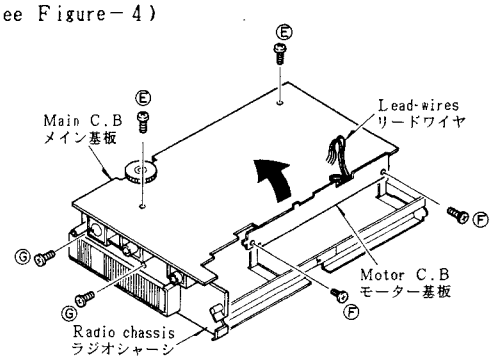


Fig. 4

6. Head (RPH) Replacement

1) Remove the control panel and rear cabinet. (See Figure－1)
2) Remove the play button. (See Figure－5)
(Slide it by approx. 1.5mm in the direction of arrow A and lift it in the direction of arrow B.)

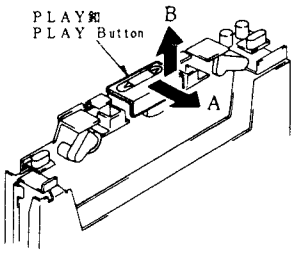


Fig. 5

Adjustment of Tuning Pointer

Set the tuning pointer at the high-end as illustrated. Take care not to remount the idler gear upside-down. (See Figure－6)

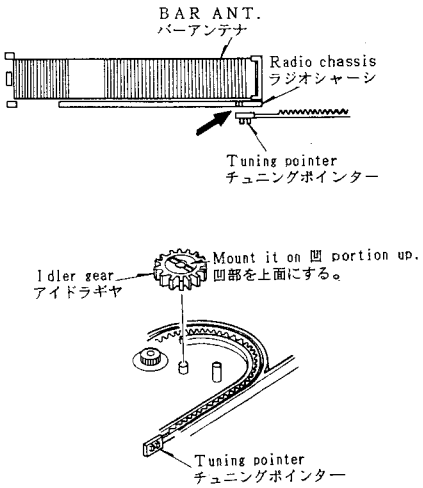


Fig. 6

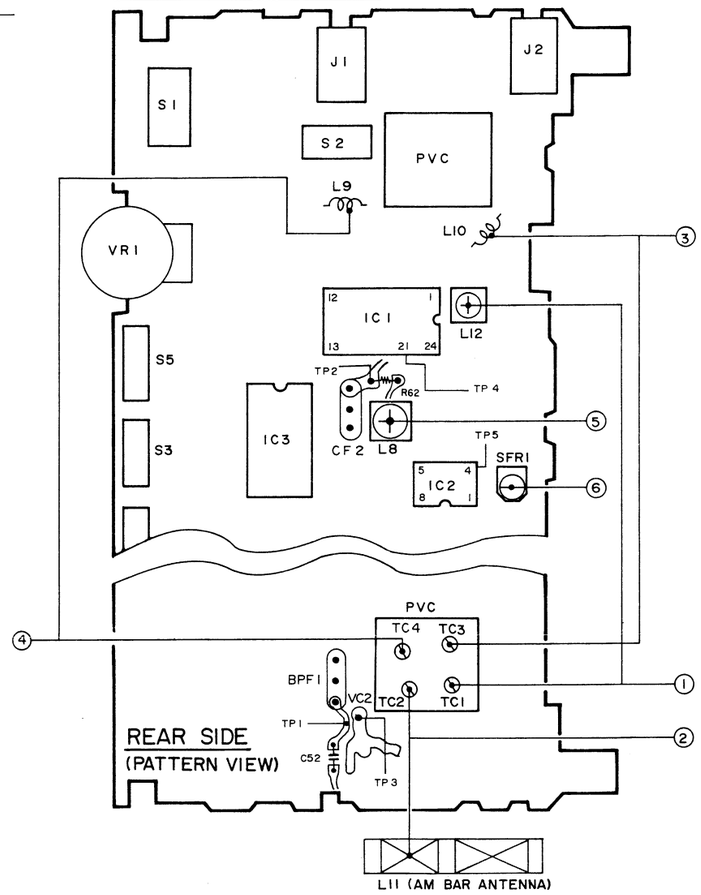
ELECTRICAL MAIN PARTS LIST

Ref. No.	Part No.	Description
=== IC ===		
	87-020-505	IC,CX20023
	87-020-460	IC,CX20111
	87-020-447	IC,TA7373F
	87-020-234	IC,TA7688F(S)
=== TRANSISTOR ===		
	87-026-258	FET,CHIP 2SK302Y
	87-026-233	TRANSISTOR,DTA114TK
	87-026-230	TRANSISTOR,DTA114YK
	87-026-213	TRANSISTOR,DTC114YK
	87-026-223	TRANSISTOR,DTC143TK
	87-026-210	TRANSISTOR,DTC144EK
	89-111-625	TRANSISTOR,2SA1162GR
	89-327-125	TRANSISTOR,2SC2712GR
	89-333-266	TRANSISTOR,2SC3326B
	89-413-284	TRANSISTOR,2SD1328T
=== MAIN CIRCUIT BOARD SECTION ===		
PCB-A	84-425-602	MAIN CIRCUIT BOARD
BPF1	87-030-103	FILTER BPMB 8L
C1	★ 87-010-177	CAP,CHIP S 820P SL
C2	★ 87-010-177	CAP,CHIP S 820P SL
C3	★ 87-010-181	CAP,CHIP S 1800P
C4	★ 87-010-181	CAP,CHIP S 1800P
C5	★ 87-010-198	CAP,CHIP 0.022
C6	★ 87-010-198	CAP,CHIP 0.022
C7	★ 87-010-195	CAP,CHIP 0.068
C8	★ 87-010-195	CAP,CHIP 0.068
C9	★ 87-010-452	CAP,CHIP 1U
C10	★ 87-010-452	CAP,CHIP 1U
C11	★ 87-010-196	CAP,CHIP 0.01
C12	★ 87-010-196	CAP,CHIP 0.01
C13	★ 87-010-083	CAP,TANTALUM 0.047-35V
C14	★ 87-010-083	CAP,TANTALUM 0.047-35V
C15	★ 87-010-174	CAP,CERA-SOL S 470P
C16	★ 87-010-174	CAP,CHIP S 470P
C17	★ 87-010-180	CAP,CHIP S 1500P
C18	★ 87-010-180	CAP,CHIP S 1500P
C19	★ 87-010-452	CAP,CHIP 1U
C20	★ 87-010-452	CAP,CHIP 1U
C21	★ 87-010-082	CAP,ELECT-N 220-4
C22	★ 87-010-082	CAP,ELECT-N 220-4
C23	★ 87-010-114	CAP,ELECT 47-4
C25	★ 87-010-114	CAP,ELECT 47-4
C26	★ 87-010-090	CAP,TANTALUM 4.7U
C27	★ 87-010-115	CAP,ELECT 100-4
C28	★ 87-010-227	CAP,TANTALUM 47/6.3
C29	★ 87-010-075	CAP,ELECT 10-16
C30	★ 87-010-114	CAP,ELECT 47-4
C31	★ 87-010-114	CAP,ELECT 47-4
C32	★ 87-010-174	CAP,CHIP S 470P
C33	★ 87-010-180	CAP,CHIP S 1500P
C34	★ 87-010-196	CAP,CHIP 0.01
C35	★ 87-010-090	CAP,TANTALUM 4.7U
C36	★ 87-010-184	CAP,CHIP B 3300P(K)
C37	★ 87-010-196	CAP,CHIP 0.01
C38	★ 87-010-076	CAP,ELECT 22-6.3
C39	★ 87-010-114	CAP,ELECT 47-4
C40	★ 87-010-230	CAP,TANTALUM (489D) 10-4
C41	★ 87-010-082	CAP,ELECT-N 220-4
C42	★ 87-010-195	CAP,CHIP 0.068
C43	★ 87-010-450	CAP,CHIP 0.47U
C44	★ 87-010-450	CAP,CHIP 0.47U
C45	★ 87-010-180	CAP,CHIP S 1500P
C47	★ 87-012-141	CAP,CHIP S 0.22
C48	★ 87-010-179	CAP,CHIP B 1200P(K)
C49	★ 87-010-090	CAP,TANTALUM 4.7U
C50	★ 87-010-224	CAP,TANTALUM 100/4
C51	★ 87-010-195	CAP,CHIP 0.068
C52	★ 87-010-180	CAP,CHIP S 1500P
C53	★ 87-010-196	CAP,CHIP 0.01
C54	★ 87-010-196	CAP,CHIP 0.01
C55	★ 87-010-497	CAP,ELECT GAS 4.7-35
C56	★ 87-010-452	CAP,CHIP 1U
C57	★ 87-010-174	CAP,CHIP S 470P
C58	★ 87-010-498	CAP,ELECT GAS 10-16
C59	★ 87-010-194	CAP,CHIP 0.047
C60	★ 87-010-196	CAP,CHIP 0.1
C61	★ 87-010-196	CAP,CHIP 0.01
C62	★ 87-010-314	CAP,CHIP 22P CH
C63	★ 87-010-196	CAP,CHIP 0.01
C64	★ 87-010-315	CAP,CHIP S 27P CH
C65	★ 87-010-498	CAP,ELECT GAS 10-16
C66	★ 87-010-196	CAP,CHIP 0.01
C67	★ 87-010-147	CAP,CHIP S 3P
C69	★ 87-010-196	CAP,CHIP 0.01
C70	★ 87-010-499	CAP,ELECT GAS 22-6.3
C71	★ 87-010-194	CAP,CHIP 0.047
C72	★ 87-010-196	CAP,CHIP 0.1
C73	★ 87-014-047	CAP,PP 390P
C74	★ 87-010-184	CAP,CHIP B 3300P(K)
C75	★ 87-010-194	CAP,CHIP 0.047
C76	★ 87-010-196	CAP,CHIP 0.01
C77	★ 87-010-196	CAP,CHIP 0.01
C78	★ 87-010-174	CAP,CHIP S 470P
C79	★ 87-010-174	CAP,CHIP S 470P
C80	★ 87-010-452	CAP,CHIP 1U
C81	★ 87-010-452	CAP,CHIP 1U
C82	★ 87-010-115	CAP,ELECT 100-4
C83	★ 87-010-194	CAP,CHIP 0.047
C84	★ 87-010-196	CAP,CHIP 0.01
C85	★ 87-010-082	CAP,ELECT-N 220-4
C86	★ 87-010-152	CAP,CHIP 8P(D)
C87	★ 87-010-147	CAP,CHIP S 3P
C88	★ 87-010-147	CAP,CHIP S 3P
CF1	87-008-284	FILTER BPFB 468J
CF2	84-400-602	FM IF KIT (SFT 10.7 MS2Z)
CF3	+++	FM IF KIT (DISCRI 10.7 MG1Z)
D1	87-020-339	DIODE,CHIP 1SS226
D2	87-020-027	DIODE,CHIP 1SS184
D3	87-020-027	DIODE,CHIP 1SS184
D4	87-020-027	DIODE,CHIP 1SS184
D5	87-020-027	DIODE,CHIP 1SS184
D6	87-020-125	DIODE 1SS181
D7	87-020-125	DIODE 1SS181
D8	87-020-125	DIODE 1SS181
D9	87-020-027	DIODE,CHIP 1SS184
D10	87-020-027	DIODE,CHIP 1SS184
D11	87-020-027	DIODE,CHIP 1SS184
D12	87-020-339	DIODE,CHIP 1SS226
D13	87-020-027	DIODE,CHIP 1SS184
D14	87-020-027	DIODE,CHIP 1SS184
D15	87-020-520	LED TLR226(F)(OPE/BATT)
J1	87-049-767	JACK 3.5 (EXT MIC)
J2	87-049-411	JACK 3.5 G (PHONES)
J3	87-049-549	JACK DC (DC3V)

Continued to PAGE 14

ADJUSTMENT

PARTS LOCATION VIEW



① AM FREQ. RANGE ADJUSTMENT
L12..... 515±3kHz
TC1.....1650±10kHz

② AM TRACKING ADJUSTMENT
L11..... 600kHz
TC2.....1440kHz

③ FM FREQ. RANGE ADJUSTMENT
L10..... 87.4±0.2MHz
TC3..... 108.3±0.3MHz

④ FM TRACKING ADJUSTMENT
L9..... 88MHz
TC4..... 109MHz

⑤ AM IF ADJUSTMENT
L8..... 468±3.5kHz

⑥ V.C.O ADJUSTMENT
SFR1..... 76kHz±40Hz

TP1 FM RF INPUT
TP2 AM IF INPUT
TP3 AM RF INPUT
TP4 FM. AM DET OUTPUT
TP5 V.C.O TEST POINT

Practical Service Figure

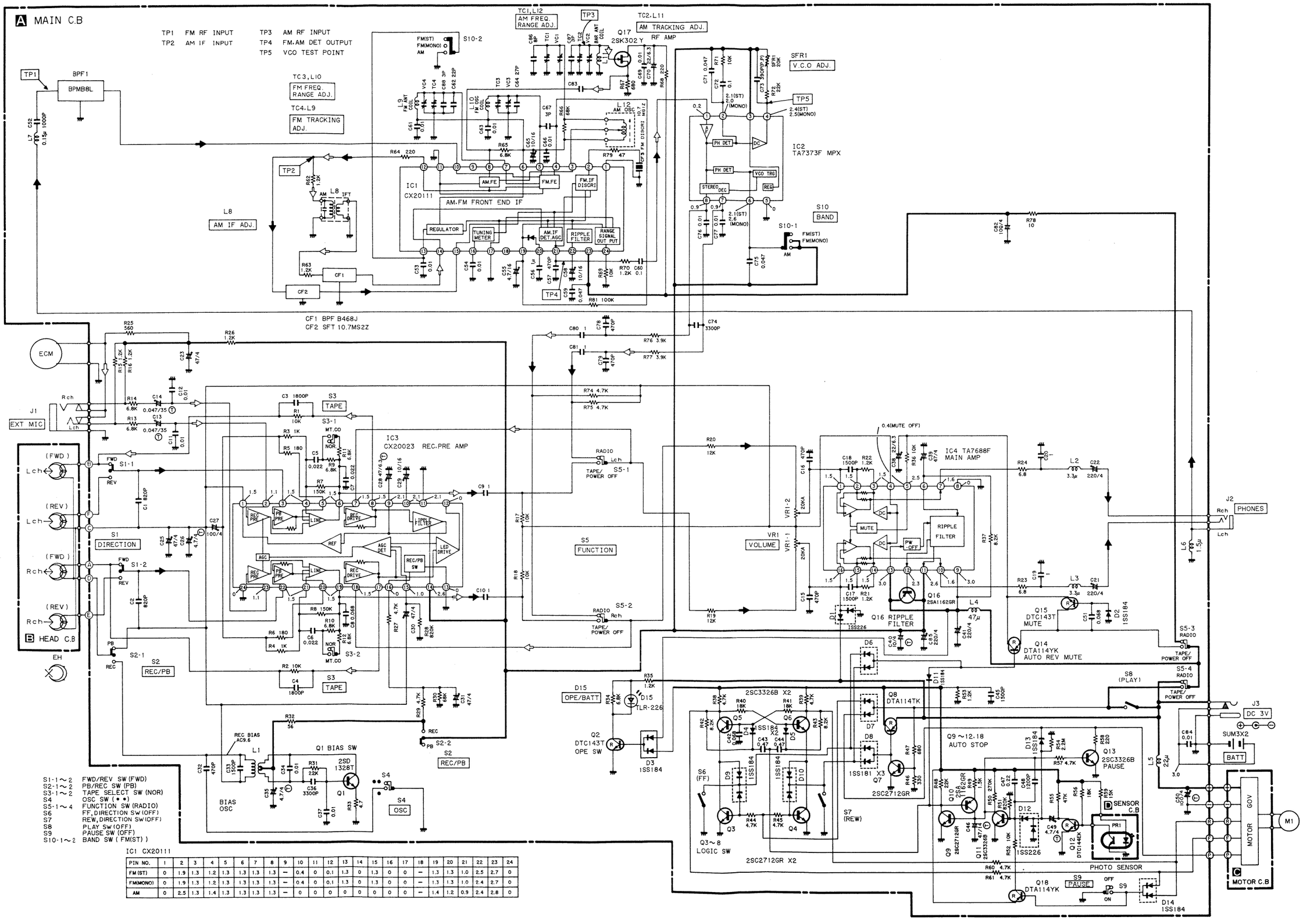
<RADIO SECTION>

Sensitivity:	
(IHF, THD 3%)	FM 15±5dB (at 96MHz)
(S/N 10dB)	AM Less than 52dB(at 1000kHz)
Intermediate frequency:	FM 10.7±0.3MHz
	AM 468kHz±3.5kHz
FM stereo separation:	17±3dB (1kHz)

<TAPE SECTION>

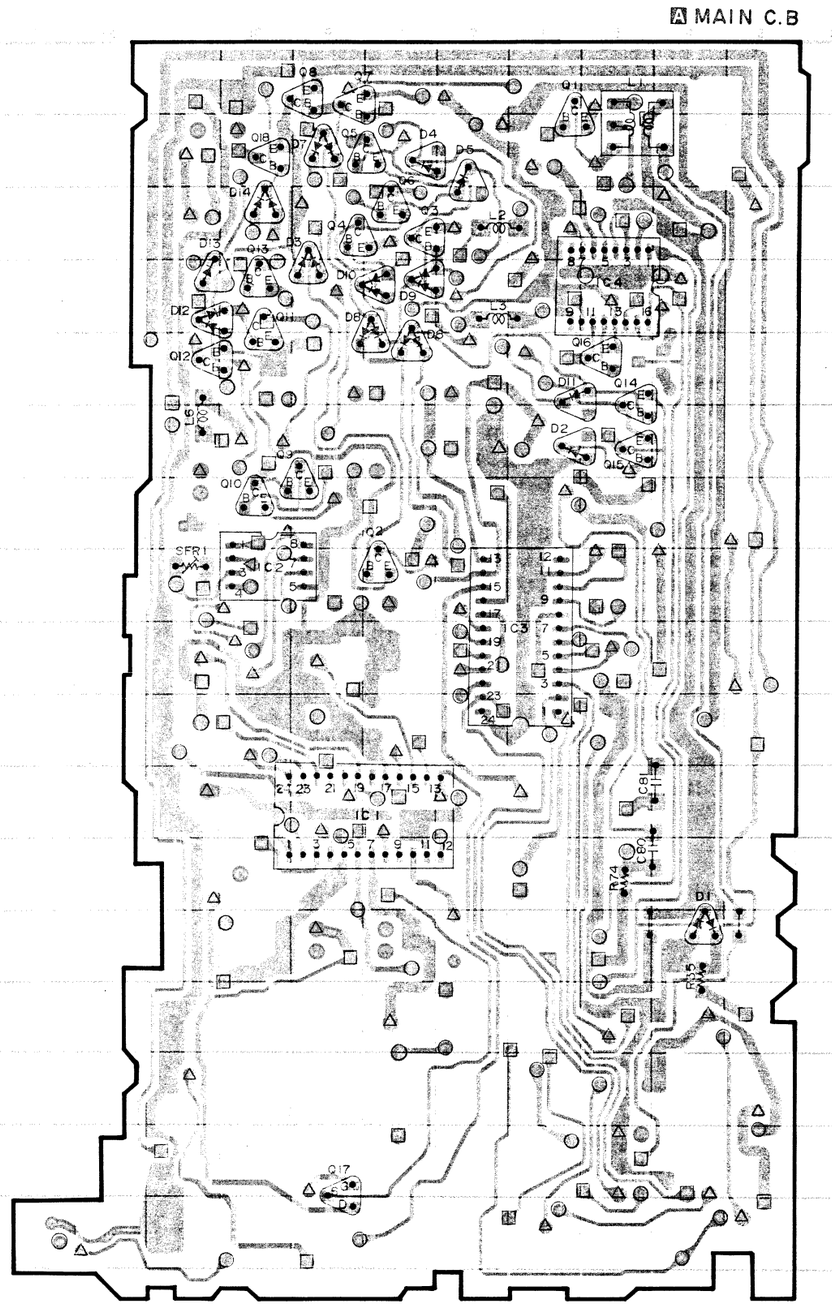
Record bias frequency:	47kHz
Erasing ratio:	More than 50dB
Wow & flutter:	Less than 0.45% (RMS)
Distortion:	Less than 3% (PB)
	Less than 10% (REC)
Signal noise ratio:	51±3dB (PB)
	35±8dB (REC)
Noise level:	Less than 5mV (DC MAX PB)
	Less than 25mV (DC MAX REC)
Pinch roller pressure:	160±10g
Take up torque:	25～35g-cm (FWD)
	25～40g-cm (REV)
FF/rewind torque:	60～120g-cm
Back tension:	1.5～3g-cm

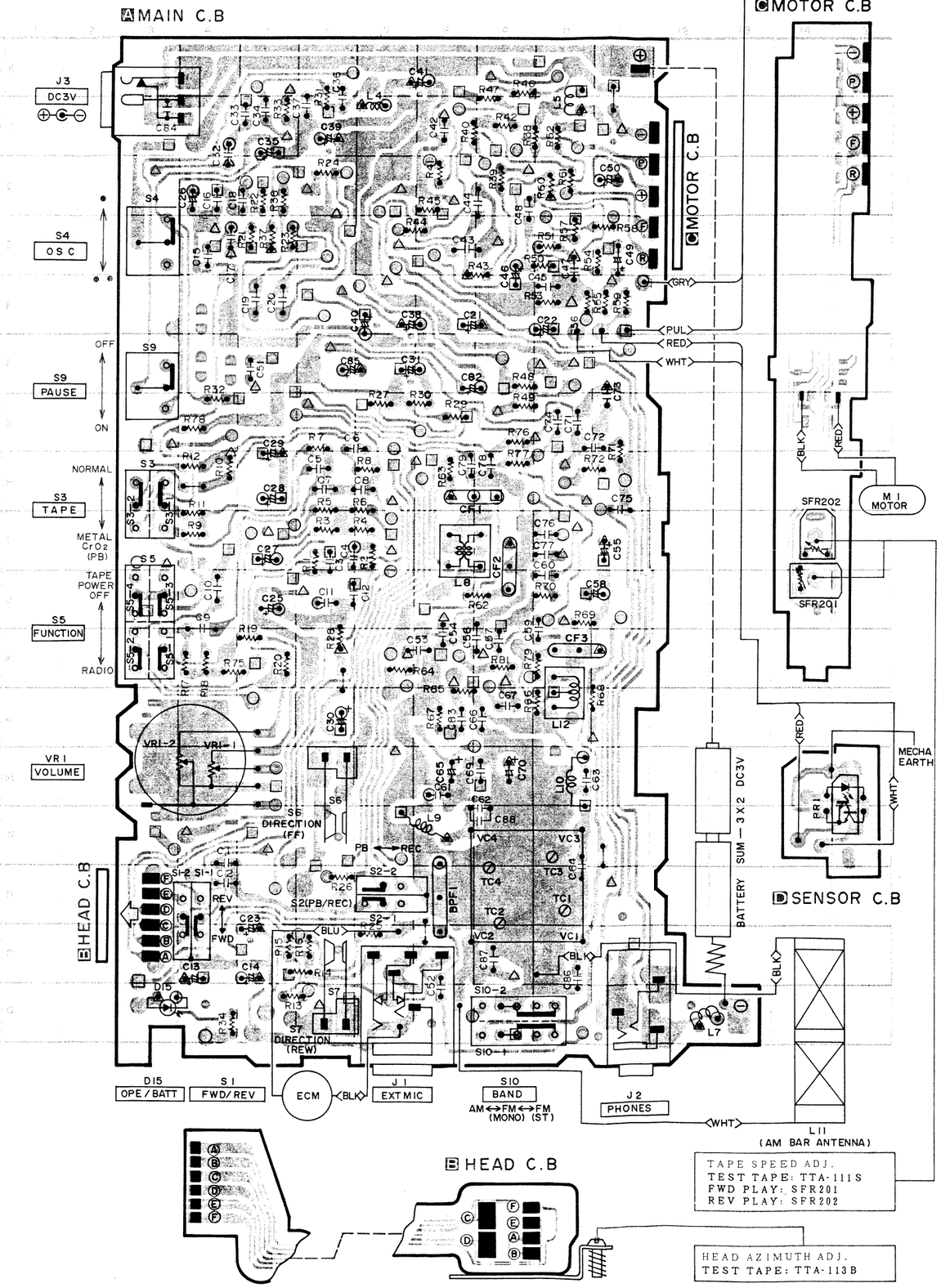
SCHEMATIC DIAGRAM

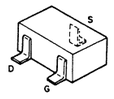


IC1 CX20111

PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
FM (ST)	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.5	2.7	0
FM(MONO)	0	1.9	1.3	1.2	1.3	1.3	1.3	1.3	—	0.4	0	0.1	1.3	0	1.3	0	0	—	1.3	1.3	1.0	2.4	2.7	0
AM	0	2.5	1.3	1.4	1.3	1.3	1.3	1.3	—	0	0	0	0	0	0	0	0	—	1.4	1.2	0.9	2.4	2.8	0







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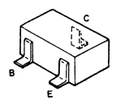
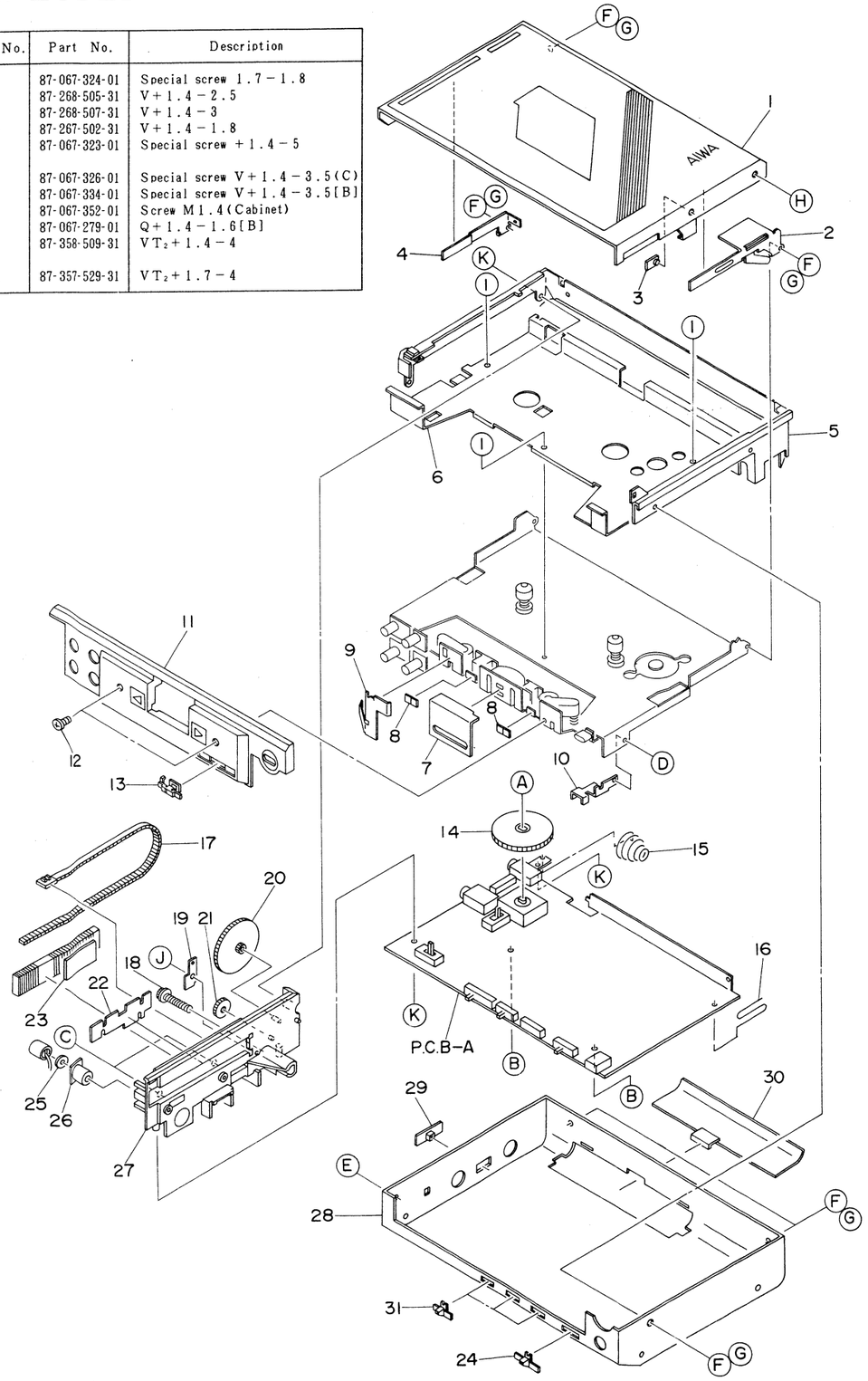


DTA114
DTC114
DTC143
DTC144
2SA1162
2SC2712
2SC3326
2SD1328

EXPLODED VIEW-1

Ref. No.	Part No.	Description
A	87-067-324-01	Special screw 1.7－1.8
B	87-268-505-31	V＋1.4－2.5
C	87-268-507-31	V＋1.4－3
D	87-267-502-31	V＋1.4－1.8
E	87-067-323-01	Special screw ＋1.4－5
F	87-067-326-01	Special screw V＋1.4－3.5(C)
G	87-067-334-01	Special screw V＋1.4－3.5[B]
H	87-067-352-01	Screw M1.4(Cabinet)
I	87-067-279-01	Q＋1.4－1.6[B]
J	87-358-509-31	VT_2＋1.4－4
K	87-357-529-31	VT_2＋1.7－4

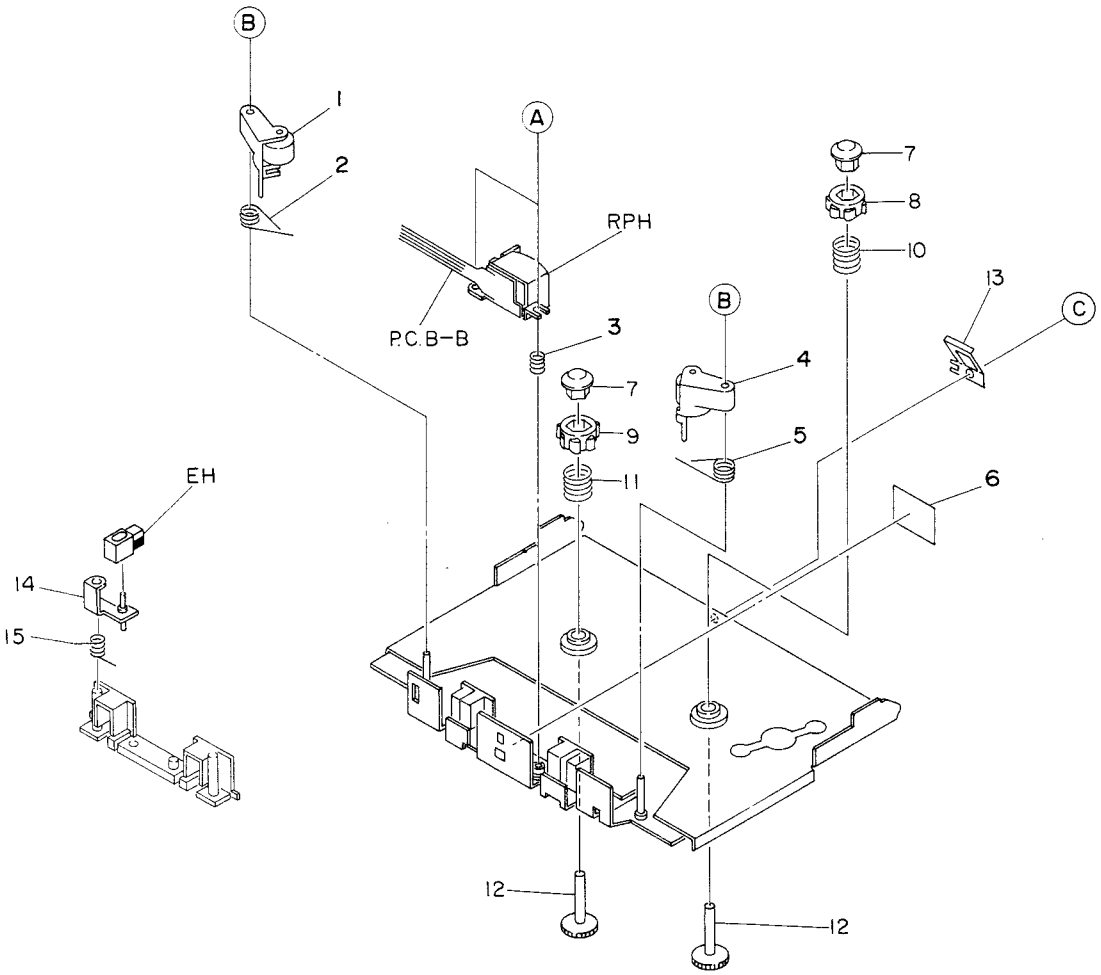


MECHANICAL PARTS LIST

Part No. changed to	Ref. No.	Part No.	Description	Common Model	Q'ty
	1-1	09-027-445-010	CASSETTE LID Ass'y [YS]	※	1
		09-027-446-010	CASSETTE LID Ass'y [YR]	※	1
		09-027-447-010	CASSETTE LID Ass'y [YB]	※	1
		09-027-448-010	CASSETTE LID Ass'y [YUB]	※	1
	1-2	★84-425-206-010	HOLDER B Ass'y	※	1
	1-3	★82-680-201-010	RUBBER FOOT		1
	1-4	★84-425-205-010	HOLDER A	※	1
	1-5	★84-425-003-010	FRAME, CASSETTE [S, B]	※	1
		★84-425-004-010	FRAME, CASSETTE [R]	※	1
	1-6	★84-425-016-010	DECORATIVE PLATE	※	1
	1-7	★86-530-001-010	PUSH-BUTTON, PLAY		1
	1-8	★84-420-011-010	SEAL, DIRECTION		1
	1-9	---	HEAD WIRE GUIDE		1
	1-10	---	HOLDER, DC JACK B		1
	1-11	★09-027-449-010	CONTROL PANEL Ass'y Y		1
	1-12	★87-067-319-010	HINGE SCREW ＋1.4－1		2
	1-13	★84-417-021-010	SLIDE KNOB, DIRECTION		1
	1-14	★84-425-214-010	TU DRUM	※	1
	1-15	84-425-203-010	⊖ BATTERY TERMINAL	※	1
	1-16	84-425-202-010	⊕ BATTERY TERMINAL	※	1
	1-17	★84-425-009-010	TU POINTER	※	1
	1-18	★84-425-215-010	TU SHAFT WOAM	※	1
	1-19	★84-425-212-010	LEVER WOAM, GEAR HOLDER	※	1
	1-20	★84-425-008-010	TU KNOB	※	1
	1-21	84-425-211-010	GEAR, IDLER	※	1
	1-22	---	PVC PLATE		1
	1-23	---	ANT CUSHION		1
	1-24	★84-425-030-010	SLIDE KNOB, SELECT B	※	1
	1-25	★82-690-240-010	RUBBER SPACER 5－2.1－1		1
	1-26	---	ECM HOLDER		1
	1-27	---	TU CHASSIS		1
	1-28	★09-027-450-010	REAR CABINET Ass'y [YS]	※	1
		★09-027-451-010	REAR CABINET Ass'y [YR]	※	1
		★09-027-452-010	REAR CABINET Ass'y [YB]	※	1
		★09-027-453-010	REAR CABINET Ass'y [YUB]	※	1
	1-29	84-425-029-110	SLIDE KNOB C	※	1
	1-30	84-425-034-010	BATTERY LID S	※	1
		84-425-035-010	BATTERY LID R	※	1
		84-425-033-010	BATTERY LID B	※	1
	1-31	★84-425-012-010	SLIDE KNOB, SELECT	※	3

EXPLODED VIEW-2

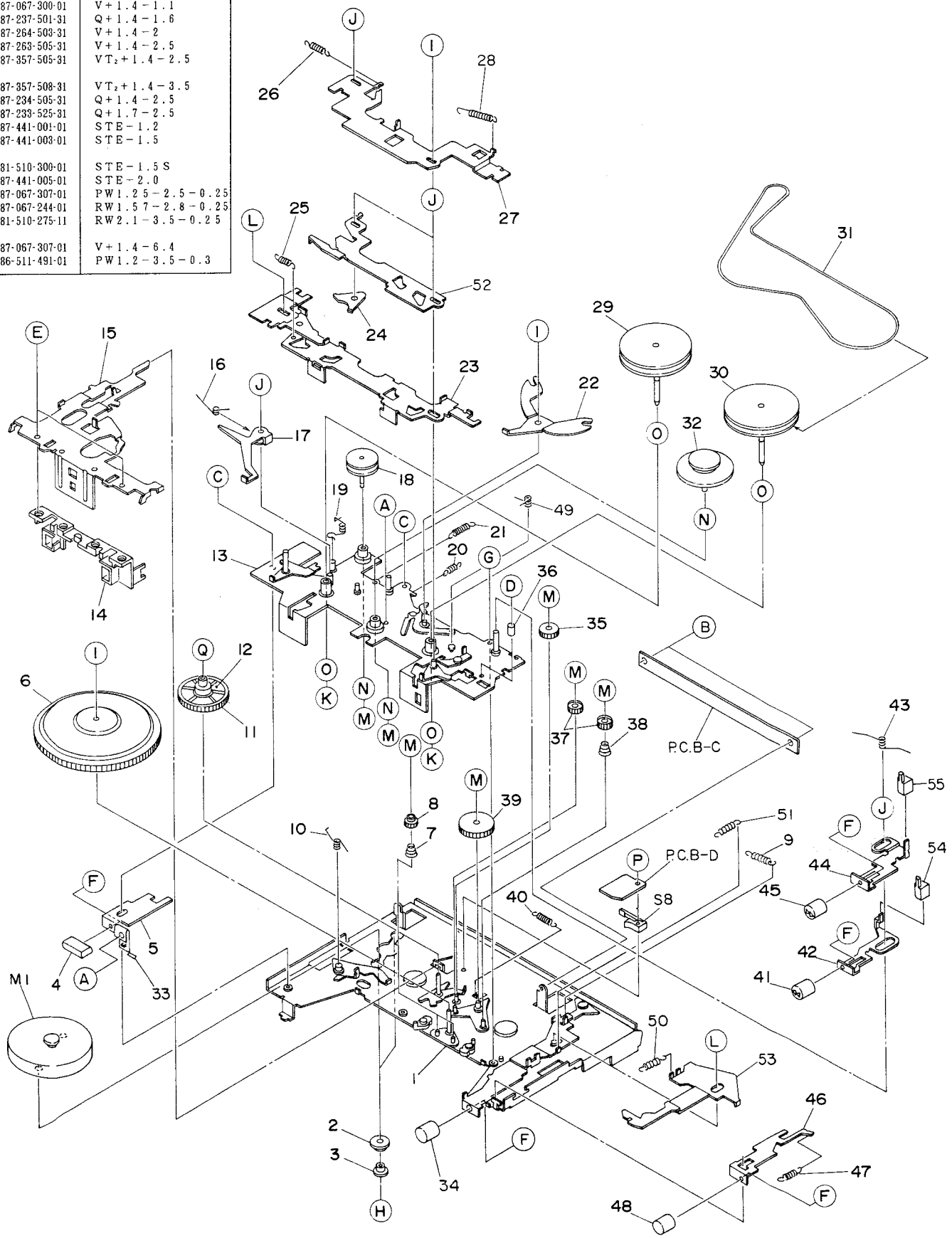
Ref. No.	Part No.	Description
A	87-264-508-31	V+1.4-3.5
B	87-067-228-01	PW1-2.6-0.25
C	87-263-500-31	V+1.4-1.4



Part No. changed to	Ref. No.	Part No.	Description	Common Model	Q'ty
	2-1	86-530-294-110	PINCH LEVER Ass'y A		1
	2-2	★86-530-393-110	T-SPRING, PINCH LEVER A (J)		1
	2-3	★86-530-356-010	C-SPRING, HEAD		1
	2-4	86-530-297-110	PINCH LEVER Ass'y B		1
	2-5	★86-530-394-010	T-SPRING, PINCH LEVER B (J)		1
	2-6	★86-530-018-010	MYLER, HEAD		1
	2-7	★86-530-443-010	CAP, REEL PLATFORM		2
	2-8	★86-530-417-010	REEL SPINNER T		1
	2-9	★86-530-418-010	REEL SPINNER S		1
	2-10	★86-530-277-210	C-SPRING, REEL PLATFORM A		1
	2-11	★86-530-343-210	C-SPRING, REEL PLATFORM B		1
	2-12	★86-530-442-010	GEAR, REEL PLATFORM		2
	2-13	★86-530-019-010	P-SPRING, CASSETTE HOLDER		1
	2-14	★86-530-243-010	EH LEVER B Ass'y		1
	2-15	★86-530-231-110	T-SPRING, EH-B		1

EXPLODED VIEW-3

Ref. No.	Part No.	Description
A	87-067-300-01	V + 1.4 − 1.1
B	87-237-501-31	Q + 1.4 − 1.6
C	87-264-503-31	V + 1.4 − 2
D	87-263-505-31	V + 1.4 − 2.5
E	87-357-505-31	VT_2 + 1.4 − 2.5
F	87-357-508-31	VT_2 + 1.4 − 3.5
G	87-234-505-31	Q + 1.4 − 2.5
H	87-233-525-31	Q + 1.7 − 2.5
I	87-441-001-01	STE − 1.2
J	87-441-003-01	STE − 1.5
K	81-510-300-01	STE − 1.5 S
L	87-441-005-01	STE − 2.0
M	87-067-307-01	PW1.25 − 2.5 − 0.25
N	87-067-244-01	RW1.57 − 2.8 − 0.25
O	81-510-275-11	RW2.1 − 3.5 − 0.25
P	87-067-307-01	V + 1.4 − 6.4
Q	86-511-491-01	PW1.2 − 3.5 − 0.3



Part No. changed to	Ref. No.	Part No.	Description	Common Model	Q'ty
	3-1	---	CHASSIS Ass'y B (K)		1
	3-2	★86-530-382-110	G CUSHION, MOTOR (N)		2
	3-3	★86-530-383-210	COLLAR, MOTOR (N)		2
	3-4	★86-530-025-010	PUSH-BUTTON, EJECT (B)		1
	3-5	★86-530-015-410	EJECT LEVER Ass'y		1
	3-6	★86-530-300-310	GEAR Ass'y A		1
	3-7	★86-530-314-110	C-SPRING, GEAR I		2
	3-8	★86-530-311-210	GEAR I		2
	3-9	★86-530-438-010	E-SPRING, REC BLOCKING LEVER A (K)		1
	3-10	★86-530-327-010	T-SPRING, EJECT BLOCKING LEVER		1
	3-11	★86-530-310-110	GEAR H		1
	3-12	★86-530-351-110	SHEET, GEAR H		1
	3-13	---	CHASSIS A Ass'y (K)		1
	3-14	★86-530-392-410	TAPE GUIDE J		1
	3-15	★86-530-224-210	HEAD CHASSIS Ass'y		1
	3-16	★86-530-329-110	T-SPRING, SELECTOR LEVER		1
	3-17	★86-530-331-010	ARM SELECT		1
	3-18	86-530-287-010	FW C Ass'y		1
	3-19	★86-530-325-010	T-SPRING, REVERSE LEVER C		1
	3-20	★86-530-322-110	E-SPRING, GEAR G LEVER		1
	3-21	★86-530-323-010	E-SPRING, HEAD CHASSIS		1
	3-22	★86-530-389-010	LEVER, REVERSE F		1
	3-23	★86-530-233-310	REVERSE LEVER C Ass'y		1
	3-24	★86-530-239-010	LEVER, FWD START		1
	3-25	★86-530-372-010	E-SPRING, LOCK EJECT A		1
	3-26	★86-530-316-110	E-SPRING, LOCK LEVER (J)		1
	3-27	★86-530-237-110	LEVER, LOCK (J)		1
	3-28	★86-530-321-010	E-SPRING, REC LOCK LEVER		1
	3-29	86-530-286-010	FW B Ass'y		1
	3-30	86-530-282-110	FW A Ass'y		1
	3-31	86-530-293-010	BELT, MAIN		1
	3-32	86-530-290-010	FW D Ass'y		1
	3-33	★86-530-017-310	P-SPRING, EJECT		1
	3-34	★86-530-024-010	PUSH-BUTTON, REC (B)		1
	3-35	★86-530-308-110	GEAR F		1
	3-36	★86-530-375-010	COLLAR 1.7		1
	3-37	★86-530-306-010	GEAR D		2
	3-38	★86-530-312-010	C-SPRING, GEAR D		1
	3-39	★86-530-309-110	GEAR G		1
	3-40	★86-530-328-110	E-SPRING, FR RESTRICTION		1
	3-41	★86-530-021-010	PUSH-BUTTON, FF (B)		1
	3-42	★86-530-219-010	LEVER, FF (J)		1
	3-43	★86-530-326-110	T-SPRING, FR LEVER		1
	3-44	★86-530-220-010	LEVER, REW (J)		1
	3-45	★86-530-022-010	PUSH-BUTTON, REW (B)		1
	3-46	★86-530-245-110	LEVER, STOP (J)		1
	3-47	★86-530-320-010	E-SPRING, STOP LEVER		1
	3-48	★86-530-023-010	PUSH-BUTTON, STOP (B)		1
	3-49	★86-530-385-110	T-SPRING, GEAR EJECT		1
	3-50	★86-530-317-010	E-SPRING, REC BLOCKING LEVER E		1
	3-51	★86-530-439-010	E-SPRING, REC LEVER A (K)		1
	3-52	★86-530-238-110	LEVER, REC C		1
	3-53	★86-530-257-010	LEVER, REC BLOCKING E		1
	3-54	★82-425-219-010	LEVER SWITCH FF	※	1
	3-55	★82-425-220-010	LEVER SWITCH REW	※	1

Continued from PAGE 3

Ref. No.	Part No.	Description
L1	★ 87-007-193	COIL OSC BIAS
L2	★ 87-005-259	COIL CHIP 3.3UH
L3	★ 87-005-259	COIL CHIP 3.3UH
L4	★ 87-003-089	COIL CHOKE 47U
L5	★ 87-003-045	COIL CHOKE 22U
L6	★ 87-005-288	COIL CHIP INDUCTOR 1.5U
L7	★ 87-007-179	COIL 0.15U
L8	★ 87-008-332	COIL AM IFT
L9	★ 87-006-129	COIL FM ANT
L10	★ 87-007-202	COIL FM OSC
L12	★ 87-007-203	COIL AM OSC
S1	87-036-018	SLIDE SW (DIRECTION)
S2	87-036-018	SLIDE SW (PB/REC)
S3	87-036-021	SLIDE SW (TAPE)
S4	87-036-019	SLIDE SW (OSC)
S5	87-036-021	SLIDE SW (FUNCTION)
S6	87-036-024	LEAF SW (FF)
S7	87-036-052	LEAF SW (REW)
S9	87-036-020	SLIDE SW (PAUSE)
S10	87-036-017	SLIDE SW (BAND)
SFR1	★ 87-021-944	CHIP SFR 20K
VC1	★ 87-011-197	PVC 20P
VC2	★ +++	PVC 20P
VC3	★ +++	PVC 20P
VC4	★ +++	PVC 20P
TC1	★ +++	PVC 20P
TC2	★ +++	PVC 20P
TC3	★ +++	PVC 20P
TC4	★ +++	PVC 20P
VR1	87-021-954	VOLUME 20KA (VOLUME)

Ref. No.	Part No.	Description
☲☲☲ HEAD CIRCUIT BOARD SECTION ☲☲☲		
	86-530-604	FLEXIBLE CIRCUIT BOARD
RPH	86-530-602	RPH ASSY (W/PCB-B)
RPH	82-681-604	RPH
☲☲☲ MOTOR CIRCUIT BOARD SECTION ☲☲☲		
M1	86-530-626	MOTOR ASSY (W/PCB-C)
☲☲☲ SENSOR CIRCUIT BOARD SECTION ☲☲☲		
PCB-D	86-530-623	SENSOR CIRCUIT BOARD
PR1	87-022-507	PHOTO SENSOR SP1900(0)
☲☲☲ MISCELLANEOUS ☲☲☲		
ECM	★ 87-041-043	MIC ECM 60
EH	★ 86-530-605	EH
L11	★ 87-006-131	COIL BAR ANTENNA
S8	86-530-622	LEAF SW (PLAY)

■ACCESSORIES/PACKAGE LIST

Part No. changed to	Ref. No.	Part No.	Description	Common Model	Q'ty
	1	★84-425-901	INSTRUCTION BOOKLET (EXCEPT YU)	※	1
	2	★84-425-905	INSTRUCTION BOOKLET (YU ONLY)	※	1
	3	★87-048-118	HP-M10 (L) MK. 2 (EXCEPT Y1)		1
	4	★87-048-124	HEADPHONE HP-07 (Y1 ONLY)		1
	5	★87-080-020	BELT HANGER B ASS'Y-GY		1